

11/157,472 and 10/710,646

	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'USPATFULL' ENTERED AT 09:14:28 ON 18 SEP 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 14 Sep 2006 (20060914/PD)
FILE LAST UPDATED: 14 Sep 2006 (20060914/ED)
HIGHEST GRANTED PATENT NUMBER: US7107620
HIGHEST APPLICATION PUBLICATION NUMBER: US2006206975
CA INDEXING IS CURRENT THROUGH 12 Sep 2006 (20060912/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 14 Sep 2006 (20060914/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2006

=> s dbs or dibenzylidene sorbitol?

5005 DBS
1561 DIBENZYLIDENE
91550 SORBITOL?
794 DIBENZYLIDENE SORBITOL?
(DIBENZYLIDENE(W) SORBITOL?)

L1 5604 DBS OR DIBENZYLIDENE SORBITOL?

=> s antiperspirant?/ti

L2 460 ANTIPERSPIRANT?/TI

=> s l1 and l2

L3 71 L1 AND L2

=> s hydroxypropyl cellulose?

77030 HYDROXYPROPYL
269190 CELLULOSE?
19076 HYDROXYPROPYL CELLULOSE?
(HYDROXYPROPYL(W) CELLULOSE?)

L4

=> s propylene glycol?

270117 PROPYLENE
382341 GLYCOL?
137925 PROPYLENE GLYCOL?
(PROPYLENE(W) GLYCOL?)

L5

=> s l3 and l4

L6 13 L3 AND L4

=> s l4 and l5

L7 8813 L4 AND L5

=> s s l6 and l5

MISSING OPERATOR S L6

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l6 and l5

L8 12 L6 AND L5

=> s aluminum zirconium tetrachlorohydrate glycine?

649325 ALUMINUM
86785 ZIRCONIUM
32 TETRACHLOROHYDRATE
95796 GLYCINE?

L9 8 ALUMINUM ZIRCONIUM TETRACHLOROHYDRATE GLYCINE?

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(ALUMINUM (W) ZIRCONIUM (W) TETRACHLORHYDREX (W) GLYCINE?)

=> s aluminum zirconium tetrachlorohydrex glycine?

649325 ALUMINUM

86785 ZIRCONIUM

425 TETRACHLOROHYDREX

95796 GLYCINE?

L10 180 ALUMINUM ZIRCONIUM TETRACHLOROHYDREX GLYCINE?

(ALUMINUM (W) ZIRCONIUM (W) TETRACHLOROHYDREX (W) GLYCINE?)

=> s l10 and l8

L11 3 L10 AND L8

=> d 1-3 ibib abs

L11 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2006:86109 USPATFULL

TITLE: Liquid stick antiperspirant

INVENTOR(S): Esposito, Anthony, Roselle, NJ, UNITED STATES
Schamper, Thomas, Cranbury, NJ, UNITED STATES
Henry, Eddie Carl, Flanders, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006073108	A1	20060406
APPLICATION INFO.:	US 2005-157472	A1	20050621 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-710646, filed on 27 Jul 2004, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN, 55402, US		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Page(s)		
LINE COUNT:	611		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB One embodiment of the invention described herein includes a method for improving stability of an antiperspirant. The method includes preparing a blend that comprises dibenzylidene sorbitol; adding an antiperspirant active to the blend, to make an antiperspirant blend; and adding one or more alkaline earth silicate salts to the antiperspirant blend in a concentration effective for stabilizing the dibenzylidene sorbitol.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2006:27424 USPATFULL

TITLE: Liquid stick antiperspirant

INVENTOR(S): Esposito, Anthony, Roselle, NJ, UNITED STATES
Schamper, Thomas, Cranbury, NJ, UNITED STATES
Henry, Eddie Carl, Flanders, NJ, UNITED STATES

PATENT ASSIGNEE(S): Coty Inc., New York, NY, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006024252	A1	20060202
APPLICATION INFO.:	US 2004-710646	A1	20040727 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		

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LEGAL REPRESENTATIVE: SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, 1600 TCF TOWER,
121 SOUTH EIGHT STREET, MINNEAPOLIS, MN, 55402, US
NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
LINE COUNT: 319

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB One embodiment of the invention described herein includes a method for improving stability of an antiperspirant. The method includes preparing a blend that comprises propylene glycol and dibenzylidene sorbitol; adding an antiperspirant active solid powder to the blend, to make an antiperspirant blend, in a concentration effective for making an antiperspirant that provides antiperspirant protection to a user and improves process stability of the antiperspirant; and adding an amino acid salt to the antiperspirant blend in a concentration effective for stabilizing the dibenzylidene sorbitol.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:9640 USPATFULL
TITLE: Antiperspirant product with
dibenzylidene sorbitol and elastomer
in dimethicone
INVENTOR(S): Mattai, Jairajh, Piscataway, NJ, United States
Ortiz, Claudio, Dayton, NJ, United States
Guenin, Eric, Pennington, NJ, United States
Afflitto, John, Brookside, NJ, United States
PATENT ASSIGNEE(S): Colgate-Palmolive Company, New York, NY, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6338841	B1	20020115
APPLICATION INFO.:	US 2001-682101		20010719 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Dodson, Shelley A.		
LEGAL REPRESENTATIVE:	Miano, Rosemary M.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	931		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention comprises a clear to translucent anhydrous stick or gel antiperspirant and/or deodorant product having low tack and comprising: (a) a solvent phase comprising: (i) 0.2-4.0 weight % dibenzylidene sorbitol; (ii) 0.05-1.0 weight % of a co-gellant or structural integrity enhancer; (iii) 25-75 weight % of a solvent selected from the group consisting of polyhydric alcohols; (iv) an effective amount of an antiperspirant or deodorant; and (v) 0.1-5 weight % dimethicone copolyol; and (b) an oil phase comprising: (i) 0.25-5 weight % of a silicone elastomer (on a solids basis) in a first dimethicone wherein the dimethicone has a viscosity in the range of 6-100 centistokes and a flashpoint in the range of about greater than 115 degrees C. to 300 degrees C.; and (ii) 1-25 weight % of a second dimethicone (including the dimethicone from part (b) (i)), wherein the second dimethicone may be selected from the same group or a different group than the first dimethicone; and (iii) 0-10 weight % emollients; wherein the oil phase is 5-50% of the composition and the solvent phase is 50-95% of the composition.

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s us6338841/pn

L12 1 US6338841/PN

=> d his

(FILE 'HOME' ENTERED AT 09:14:20 ON 18 SEP 2006)

FILE 'USPATFULL' ENTERED AT 09:14:28 ON 18 SEP 2006

L1	5604 S DBS OR DIBENZYLIDENE SORBITOL?
L2	460 S ANTIPERSPIRANT?/TI
L3	71 S L1 AND L2
L4	19076 S HYDROXYPROPYL CELLULOSE?
L5	137925 S PROPYLENE GLYCOL?
L6	13 S L3 AND L4
L7	8813 S L4 AND L5
L8	12 S L6 AND L5
L9	8 S ALUMINUM ZIRCONIUM TETRACHLORHYDREX GLYCINE?
L10	180 S ALUMINUM ZIRCONIUM TETRACHLOROHYDREX GLYCINE?
L11	3 S L10 AND L8
L12	1 S US6338841/PN